

WO 03/061983

PCT/US03/02377

1/28

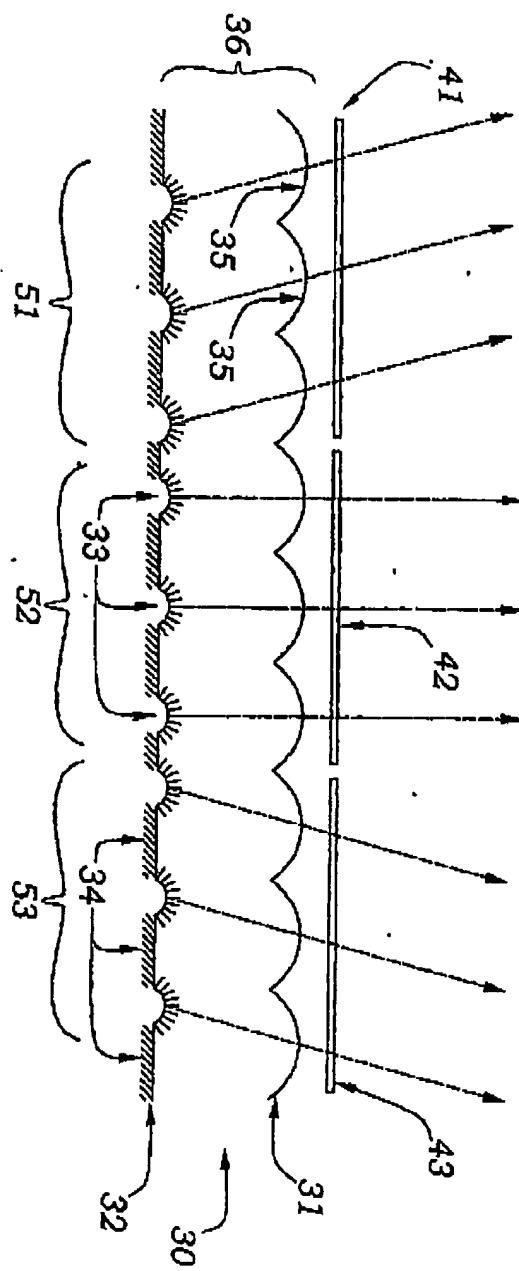


Fig. 1

SUBSTITUTE SHEET (RULE 26)

WO 03/061983

PCT/US03/02377

2/28

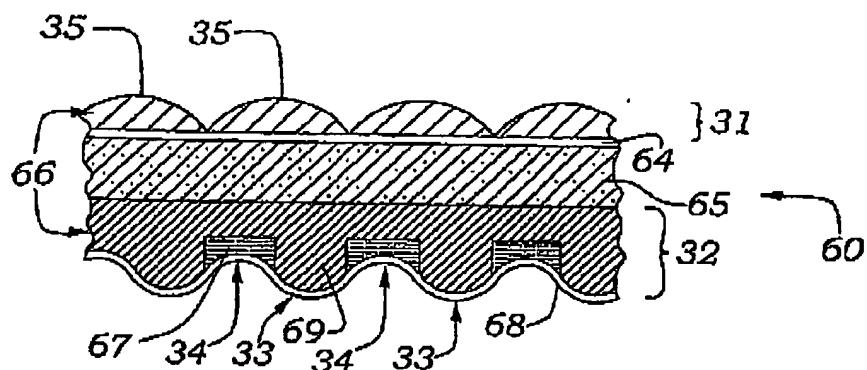


Fig. 2

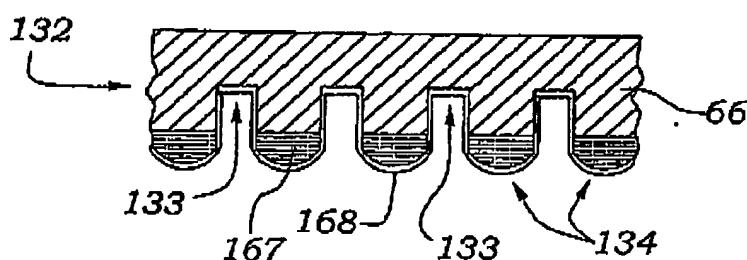


Fig. 3

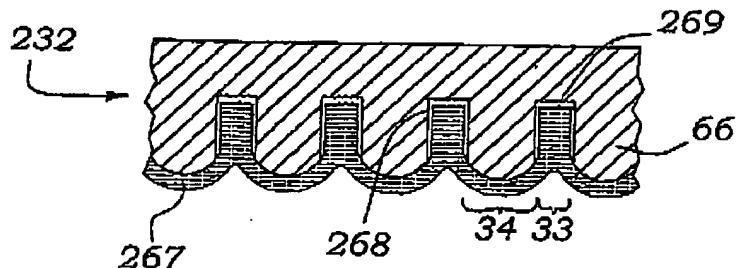


Fig. 4

SUBSTITUTE SHEET (RULE 26)

WO 03/061983

PCT/US03/02377

3/28

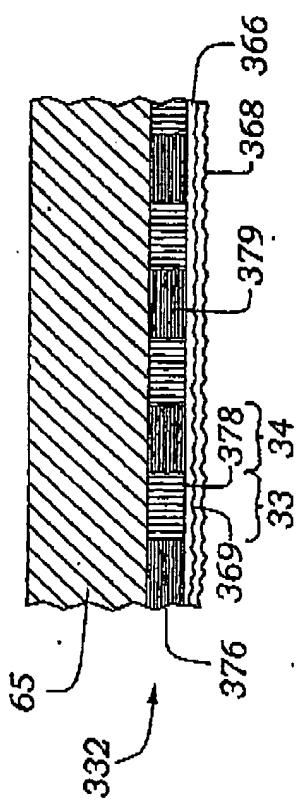


Fig. 5

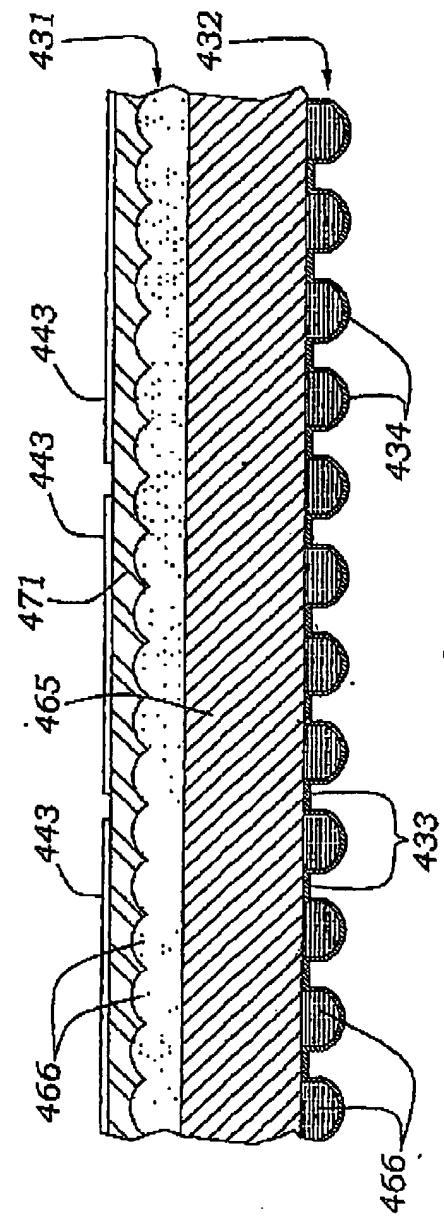


Fig. 6

SUBSTITUTE SHEET (RULE 26)

WO 03/061983

PCT/US03/02377

4/28

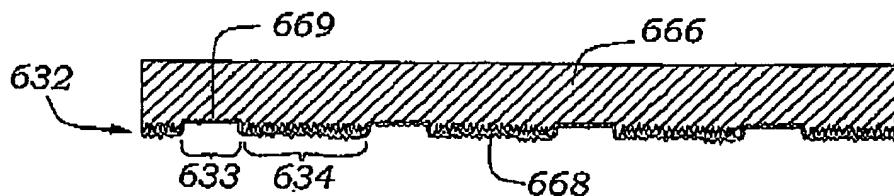


Fig. 7

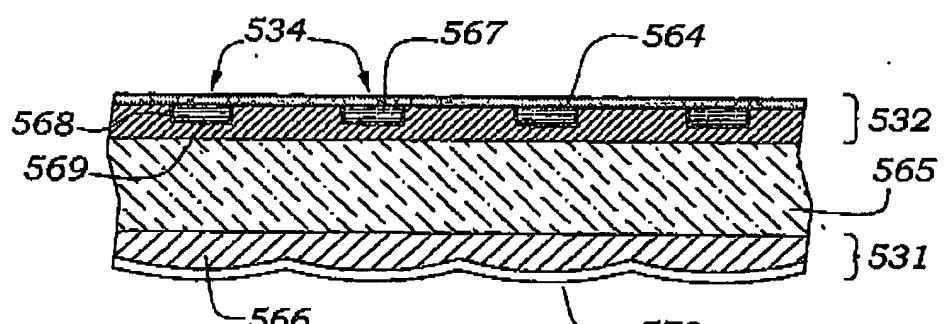


Fig. 8

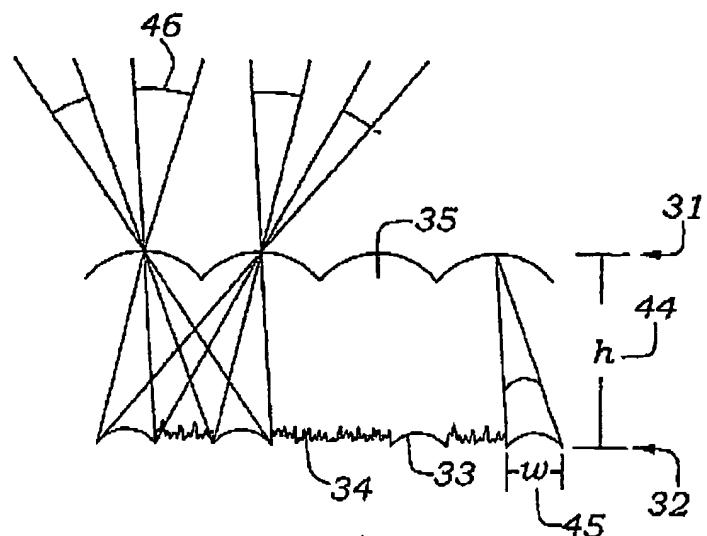


Fig. 9

SUBSTITUTE SHEET (RULE 26)

WO 03/061983

PCT/US03/02377

5/28

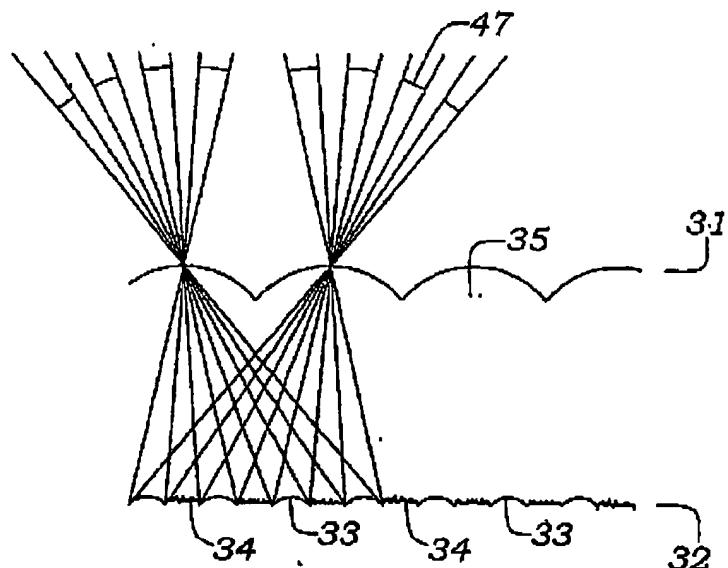


Fig. 10

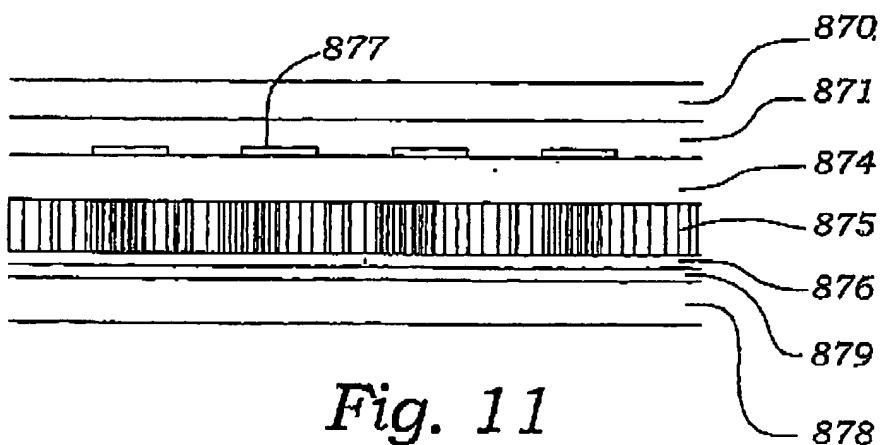


Fig. 11

SUBSTITUTE SHEET (RULE 26)

WO 03/061983

PCT/US03/02377

6/28

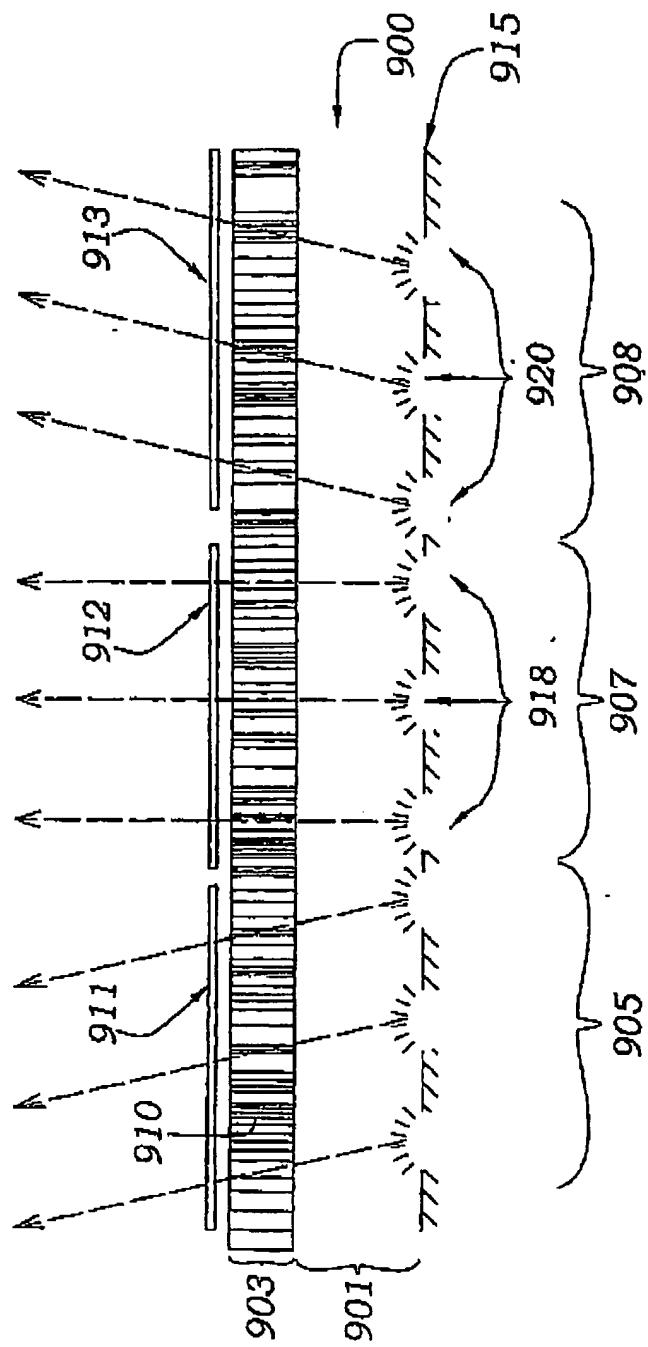


Fig. 12

SUBSTITUTE SHEET (RULE 26)

WO 03/061983

PCT/US03/02377

7/28

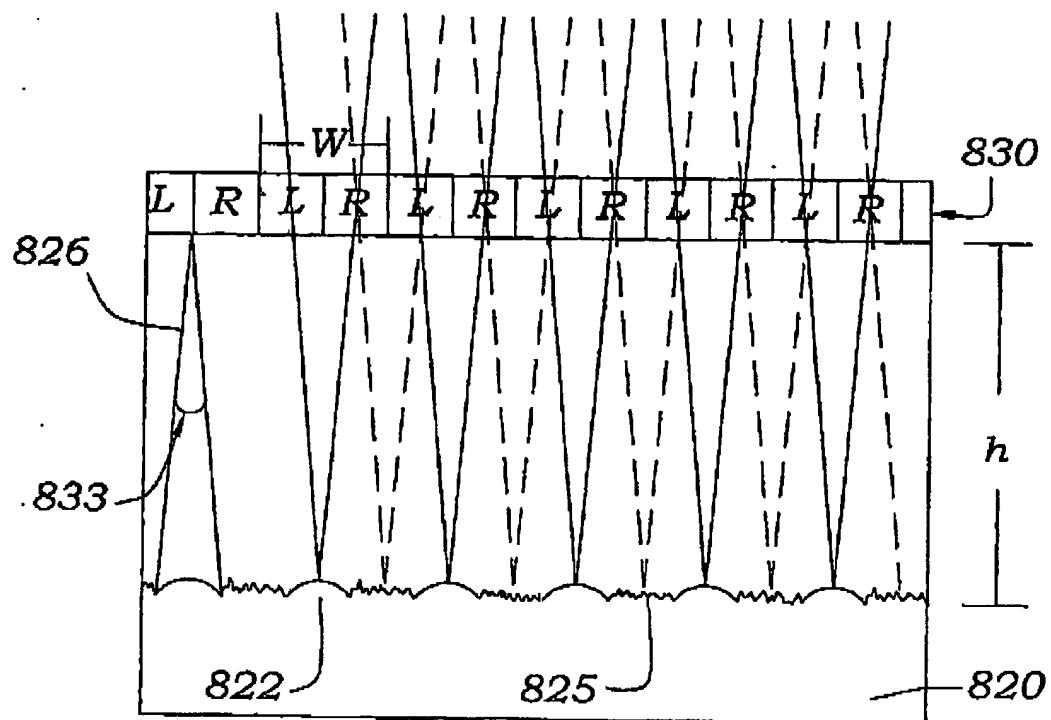


Fig. 13

SUBSTITUTE SHEET (RULE 26)

WO 03/061983

PCT/US03/02377

8/28

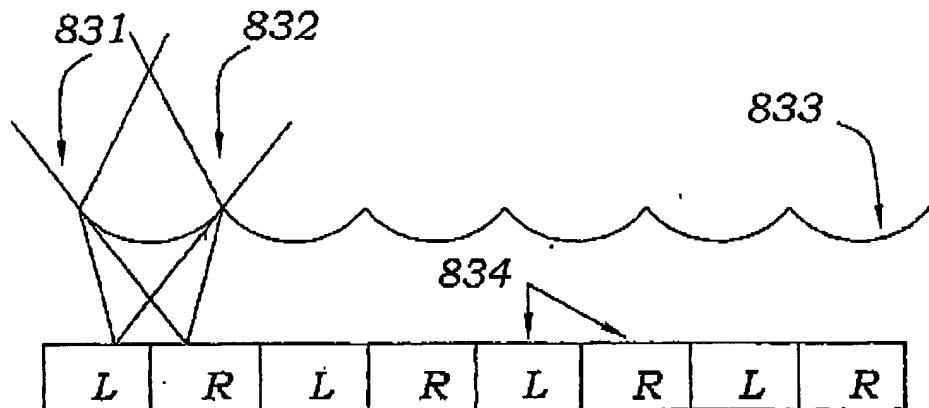


Fig. 14a

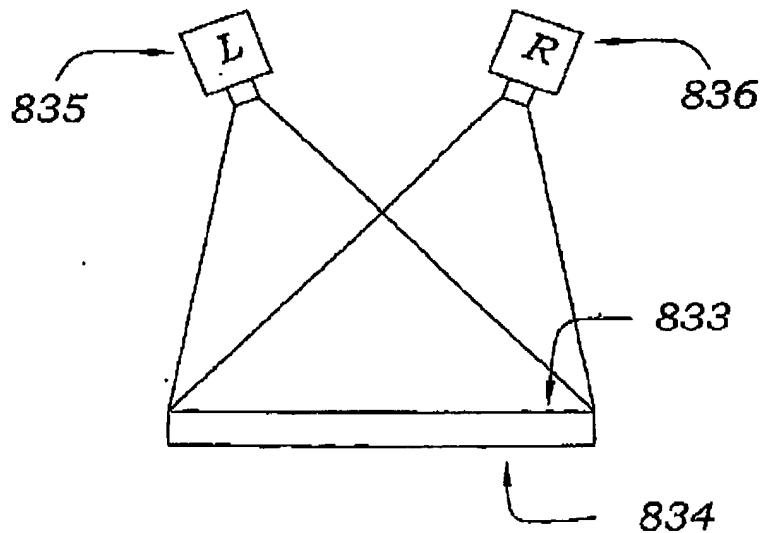


Fig. 14b

SUBSTITUTE SHEET (RULE 26)

WO 03/061983

PCT/US03/02377

9/28

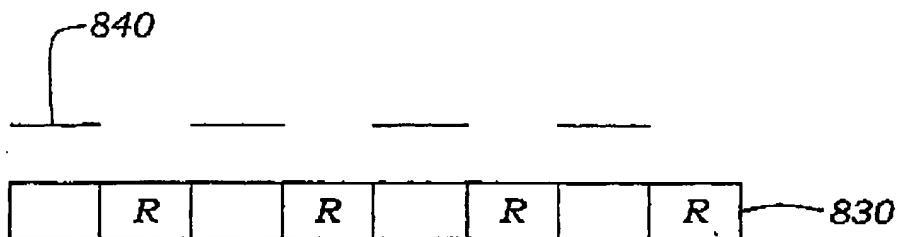


Fig. 15a

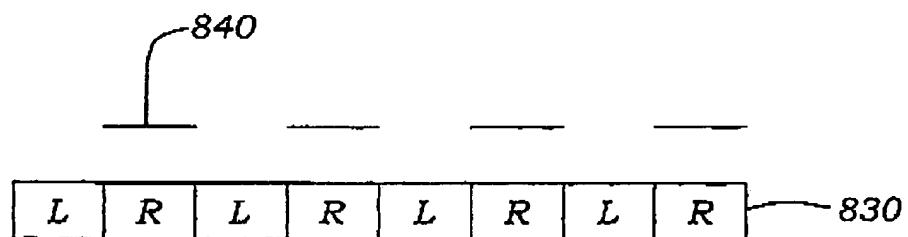


Fig. 15b

SUBSTITUTE SHEET (RULE 26)

WO 03/061983

PCT/US03/02377

10/28

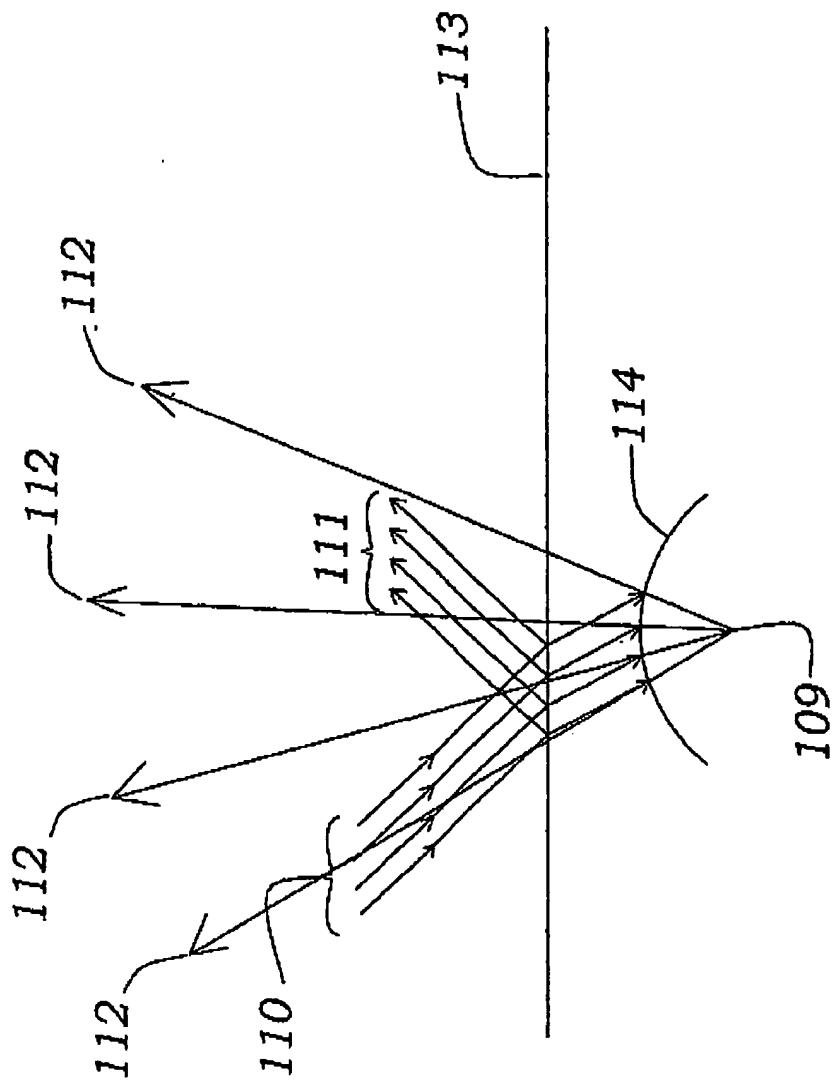


Fig. 16

SUBSTITUTE SHEET (RULE 26)

WO 03/061983

PCT/US03/02377

11/28

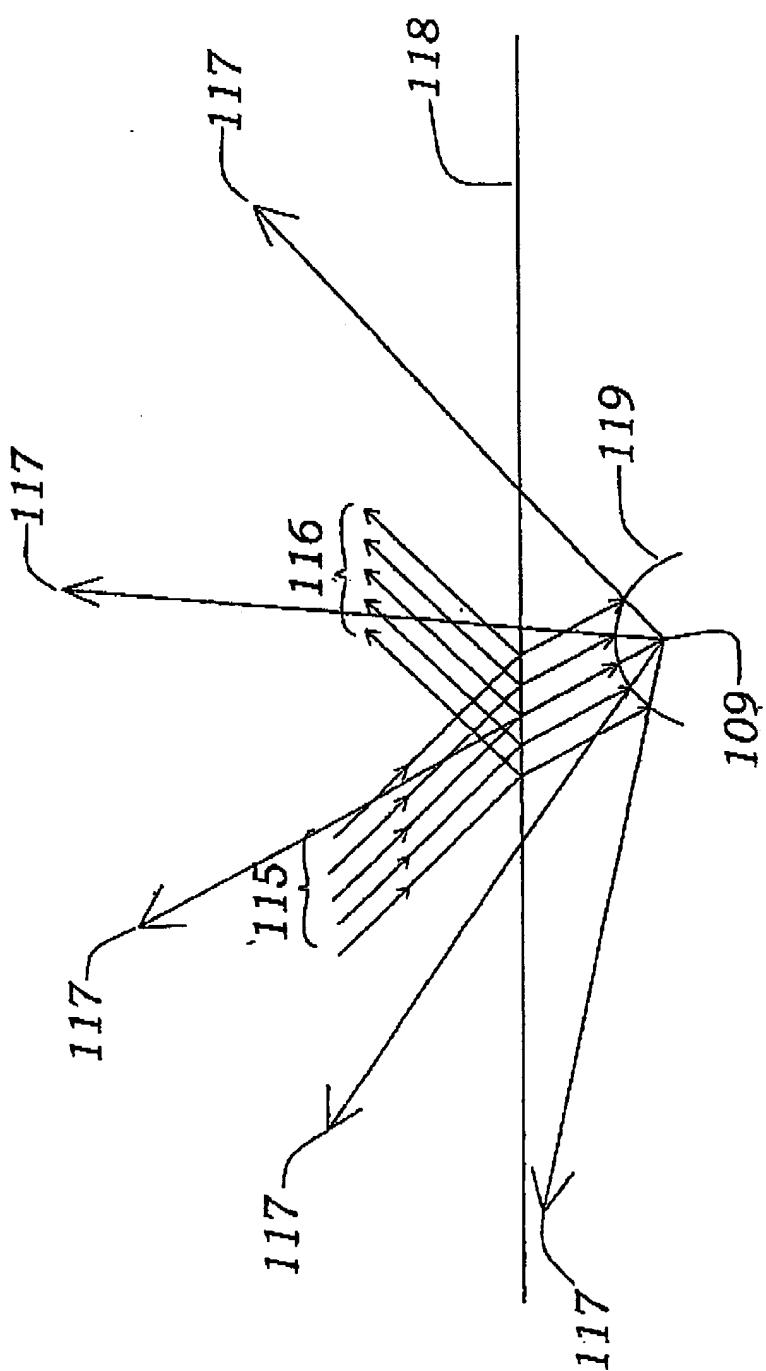


Fig. 17

SUBSTITUTE SHEET (RULE 26).

WO 03/061983

PCT/US03/02377

12/28

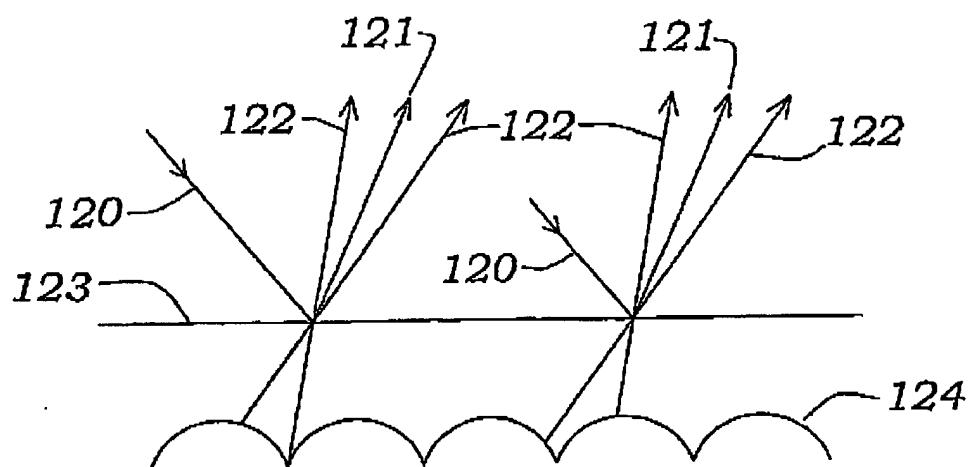


Fig. 18

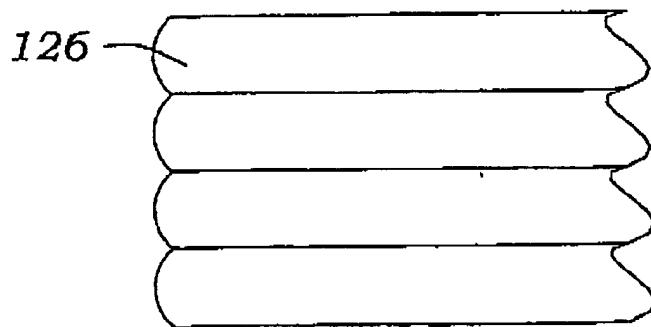


Fig. 19

SUBSTITUTE SHEET (RULE 26)

WO 03/061983

PCT/US03/02377

13/28

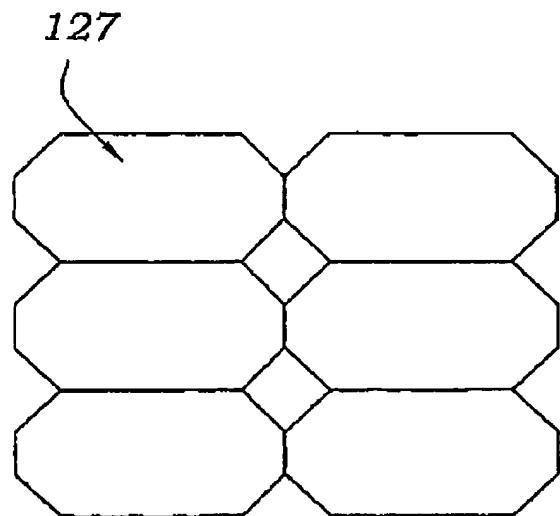


Fig. 20



Fig. 21

WO 03/061983

PCT/US03/02377

14/28

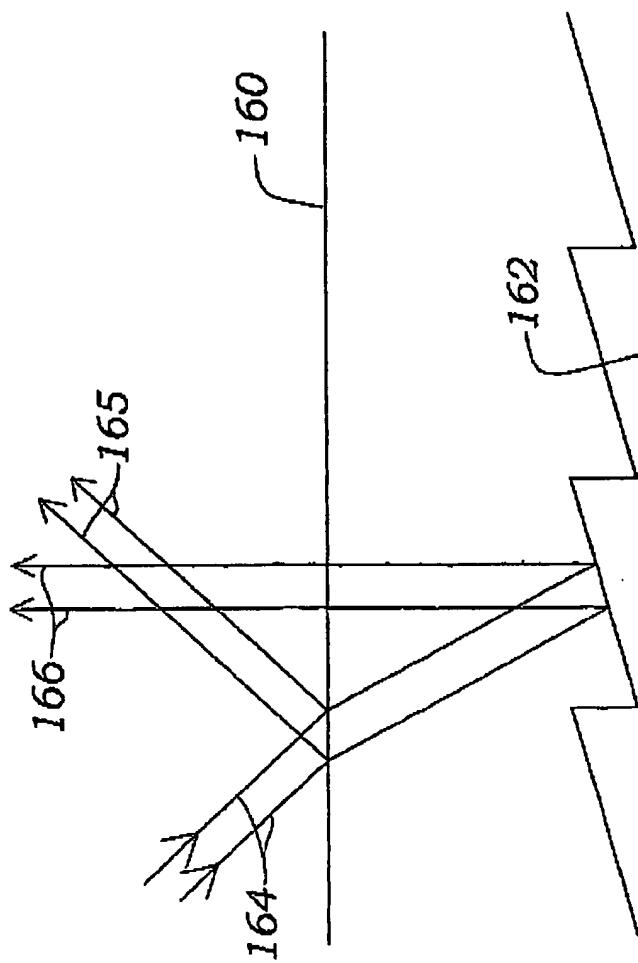


Fig. 22

SUBSTITUTE SHEET (RULE 26)

WO 03/061983

PCT/US03/02377

15/28

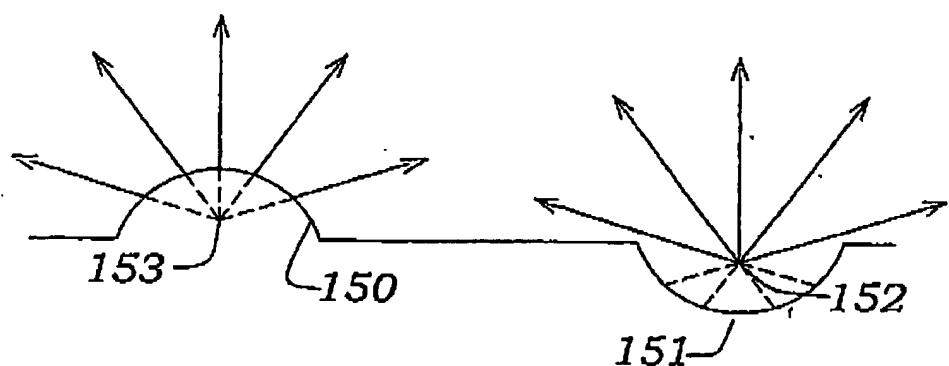


Fig. 23

SUBSTITUTE SHEET (RULE 26)

WO 03/061983

PCT/US03/02377

16/28

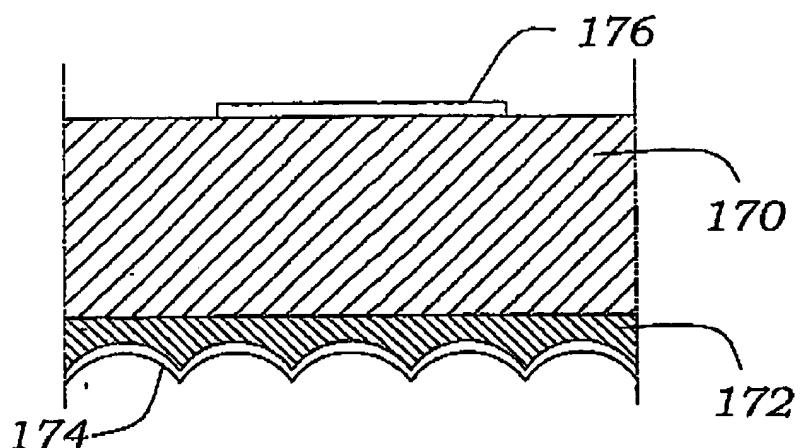


Fig. 24

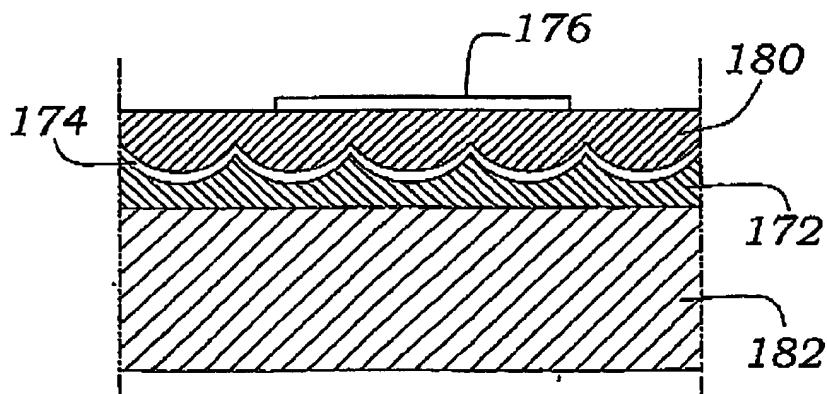


Fig. 25

SUBSTITUTE SHEET (RULE 26)

WO 03/061983

PCT/US03/02377

17/28

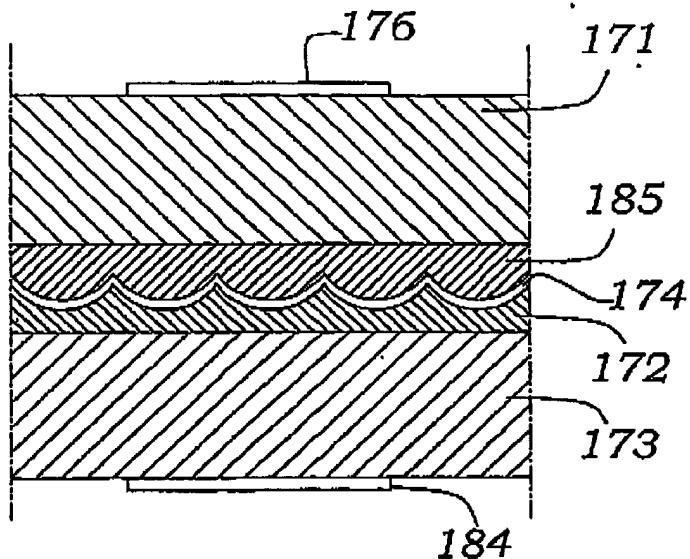


Fig. 26

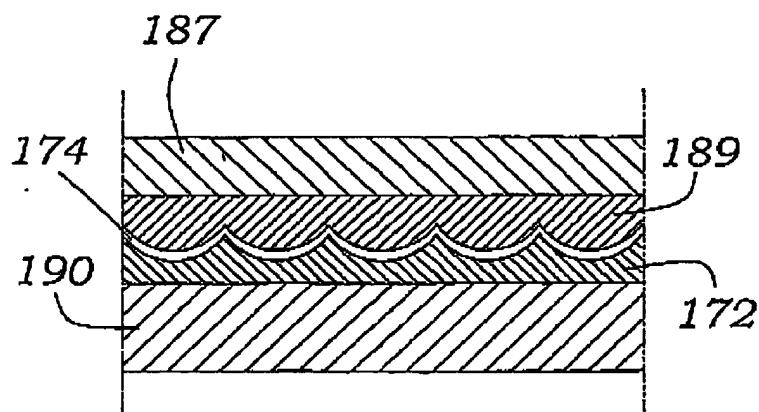


Fig. 27

SUBSTITUTE SHEET (RULE 26)

WO 03/061983

PCT/US03/02377

18/28

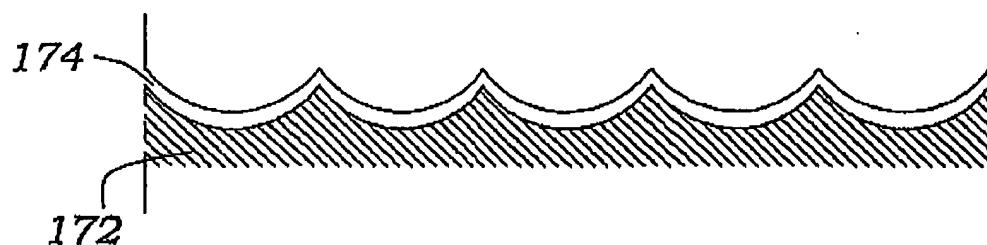


Fig. 28

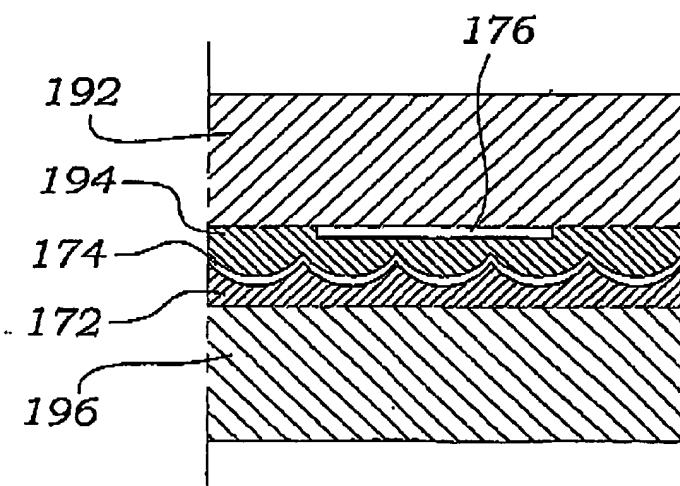


Fig. 29

SUBSTITUTE SHEET (RULE 26)

WO 03/061983

PCT/US03/02377

19/28

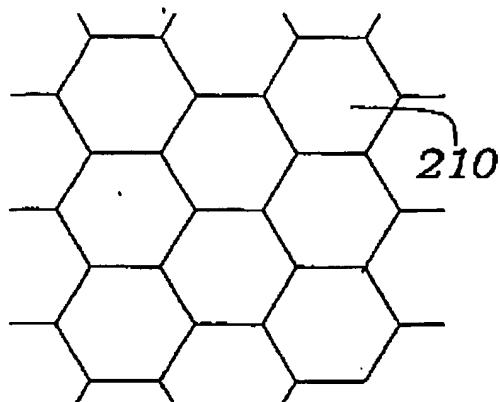


Fig. 30

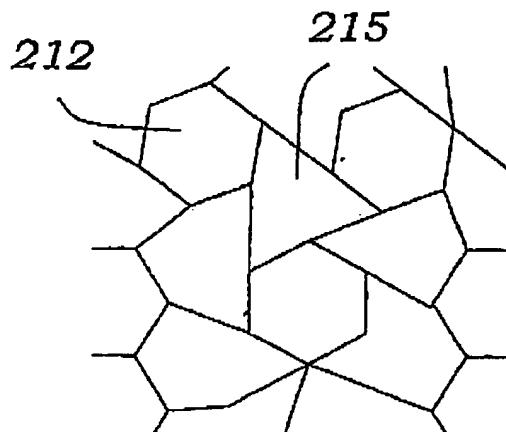


Fig. 31

SUBSTITUTE SHEET (RULE 26)

WO 03/061983

PCT/US03/02377

20/28

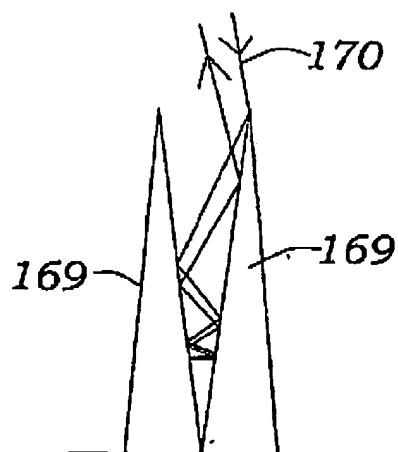


Fig. 32

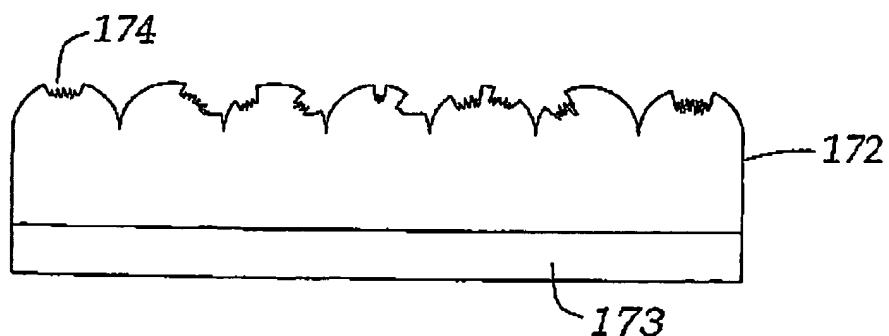


Fig. 33

SUBSTITUTE SHEET (RULE 26)

WO 03/061983

PCT/US03/02377

21/28

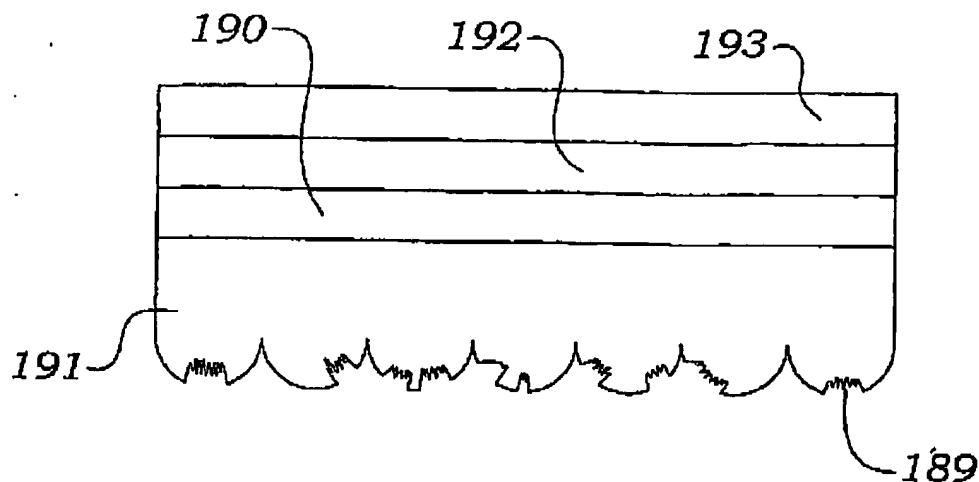


Fig. 34

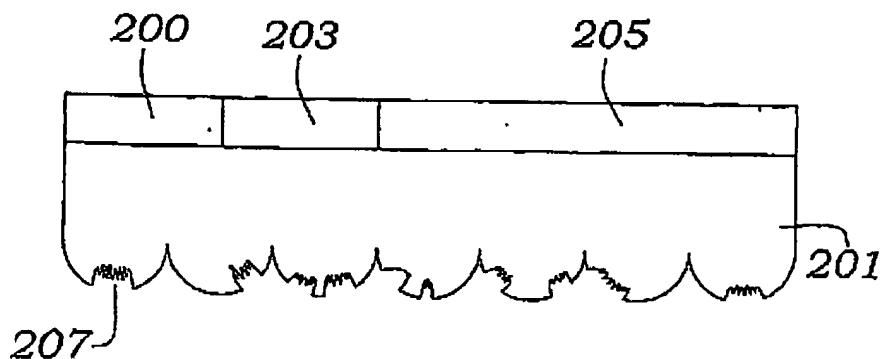


Fig. 35

SUBSTITUTE SHEET (RULE 26)

WO 03/061983

PCT/US03/02377

22/28

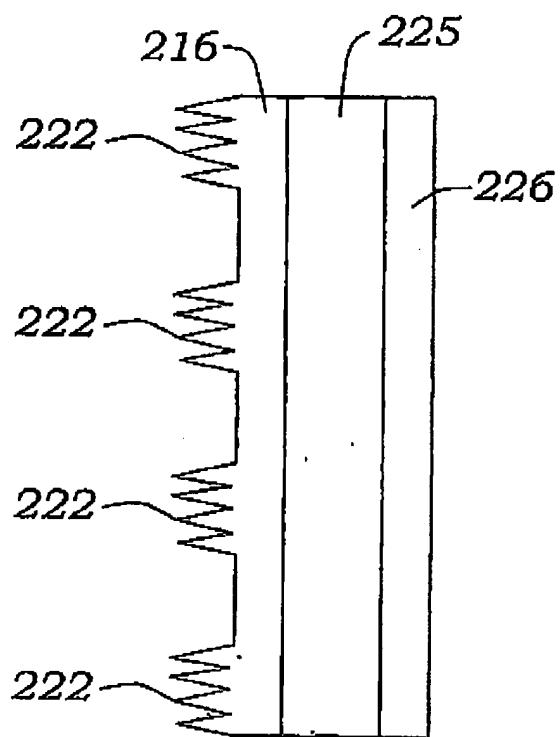


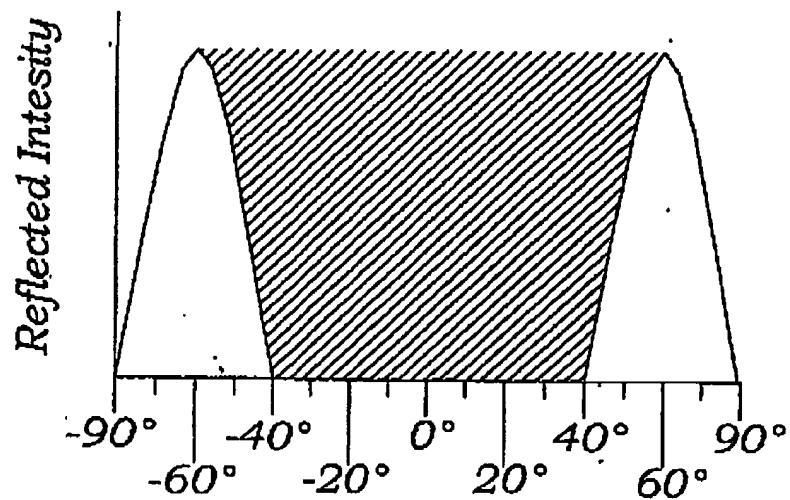
Fig. 36

SUBSTITUTE SHEET (RULE 26)

WO 03/061983

PCT/US03/02377

23/28



Viewing Angle Off Normal

Fig. 37

SUBSTITUTE SHEET (RULE 26)

WO 03/061983

PCT/US03/02377

24/28

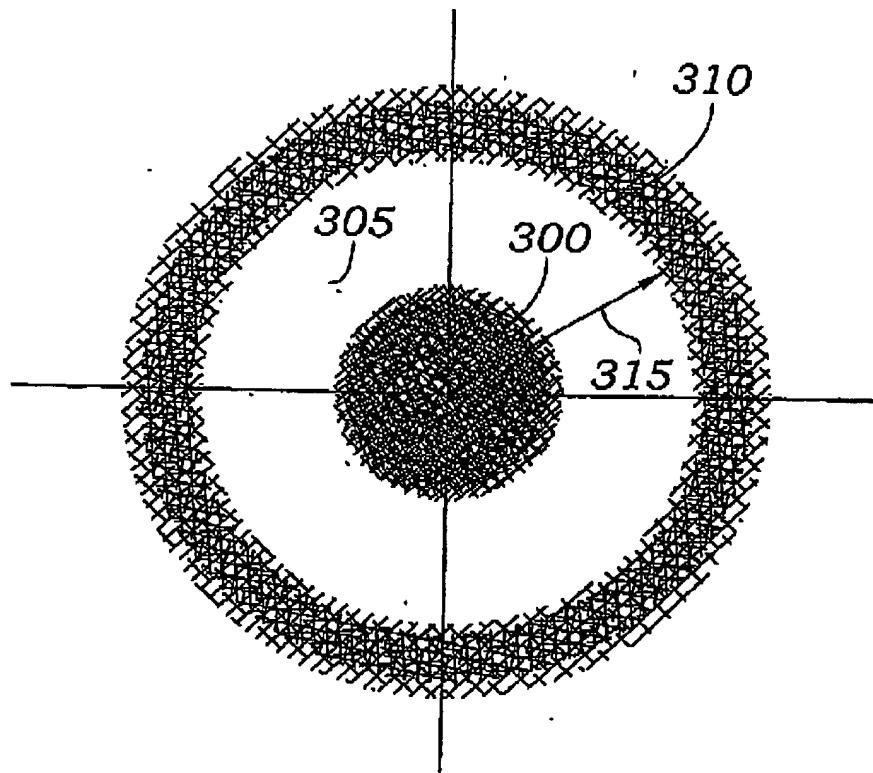


Fig. 38

SUBSTITUTE SHEET (RULE 26)

WO 03/061983

PCT/US03/02377

25/28

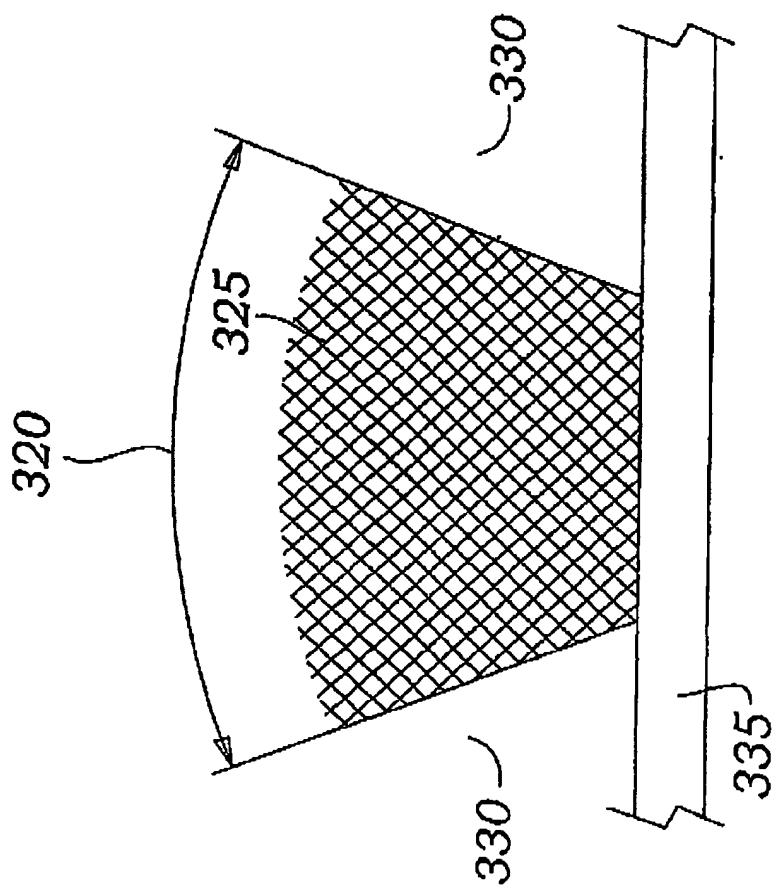


Fig. 39

SUBSTITUTE SHEET (RULE 26)

WO 03/061983

PCT/US03/02377

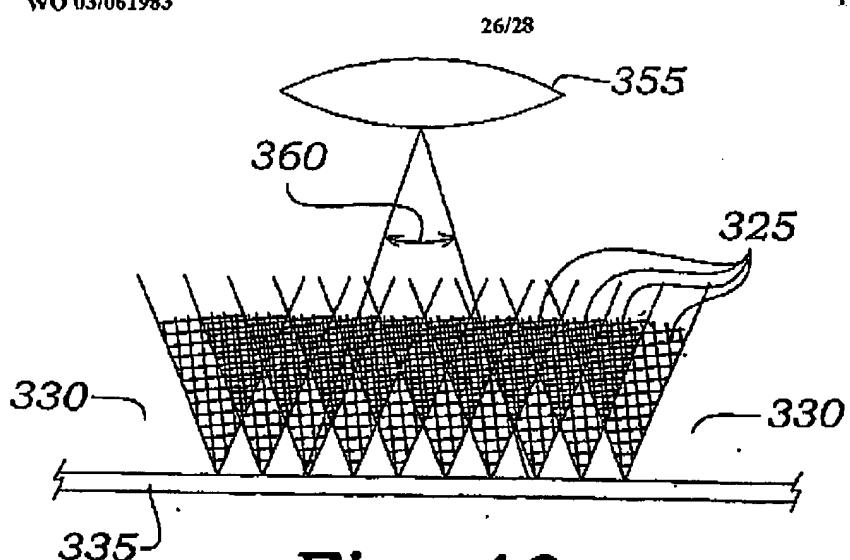


Fig. 40

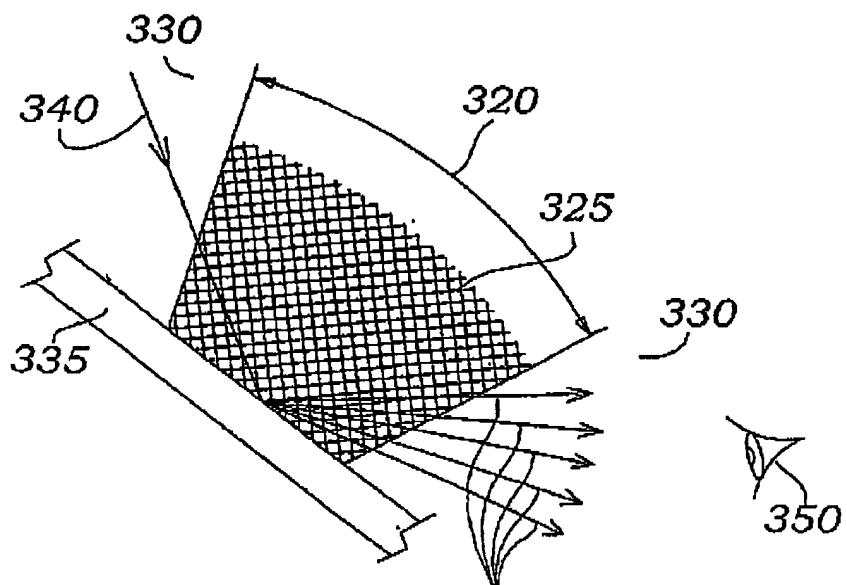


Fig. 41

SUBSTITUTE SHEET (RULE 26)

WO 03/061983

PCT/US03/02377

27/28

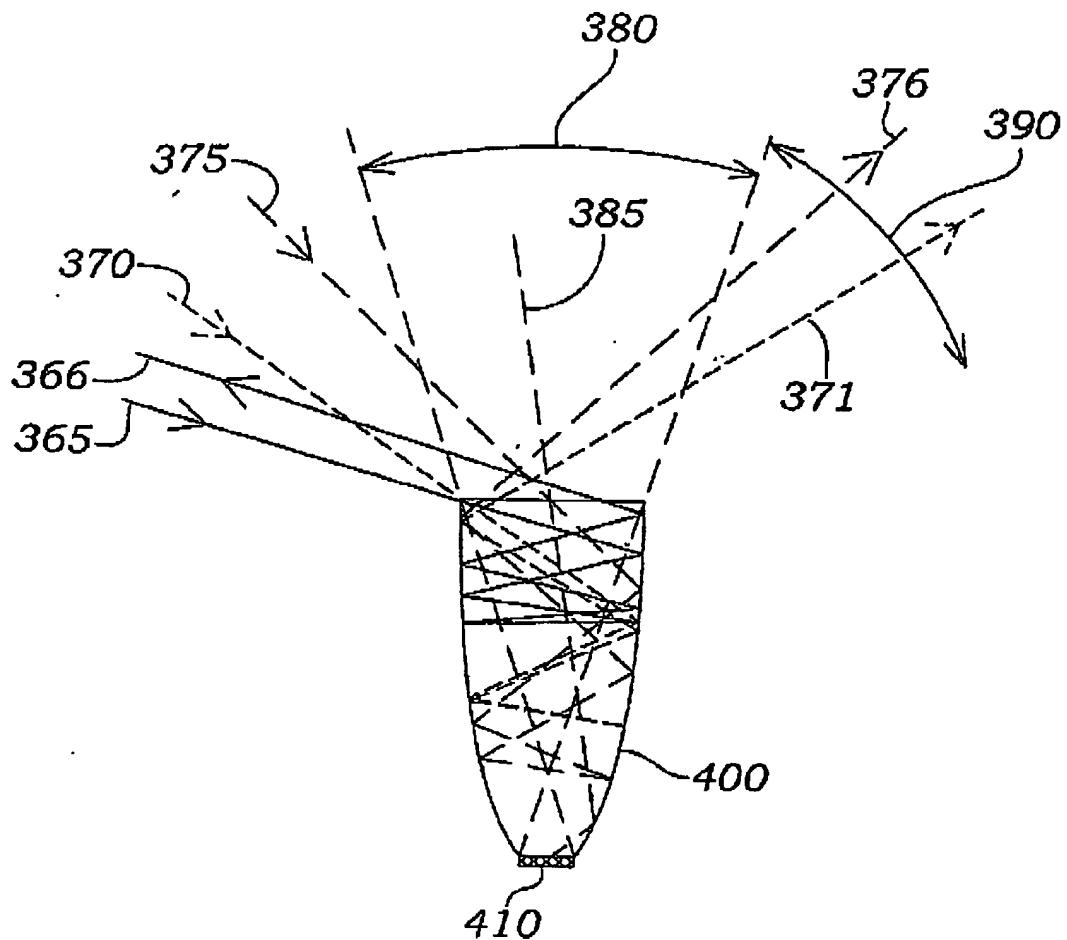


Fig. 42

SUBSTITUTE SHEET (RULE 26)

WO 03/061983

PCT/US03/02377

28/28

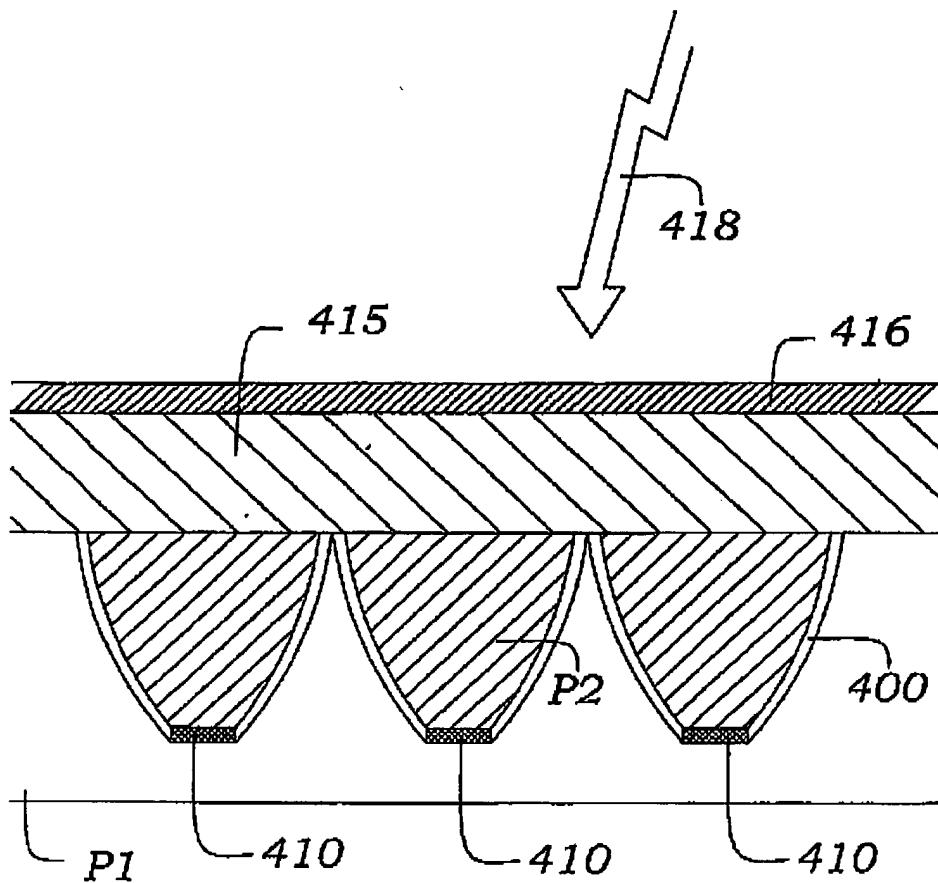


Fig. 43.

SUBSTITUTE SHEET (RULE 26)

INTERNATIONAL SEARCH REPORT		International application No. PCT/US03/02377						
A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : B42D 15/00; G09C 3/00, 5/00; G03B 21/60; G02B 27/10 US CL : 283/17, 73, 93; 340/54; 359/455, 459, 625-628 According to International Patent Classification (IPC) or to both national classification and IPC								
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S. : 283/17, 73, 93; 340/54; 359/455, 459, 625-628								
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched NONE								
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) INSPEC; USPAT; US-PGPUB; EPO; JPO; DERWENT; counterfeit protection, copy-proof, image authentication								
C. DOCUMENTS CONSIDERED TO BE RELEVANT <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; padding: 2px;">Category *</th> <th style="text-align: left; padding: 2px;">Citation of document, with indication, where appropriate, of the relevant passages</th> <th style="text-align: left; padding: 2px;">Relevant to claim No.</th> </tr> </thead> <tbody> <tr> <td style="text-align: center; padding: 2px;">X</td> <td style="padding: 2px;">US 4,645,901 A SORENSEN et al.) 24 February 1987 (24.02.1987), see entire document, especially column 6, line 28 through column 8, line 67.</td> <td style="text-align: center; padding: 2px;">1-5, 8, 9, 18</td> </tr> </tbody> </table>			Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	X	US 4,645,901 A SORENSEN et al.) 24 February 1987 (24.02.1987), see entire document, especially column 6, line 28 through column 8, line 67.	1-5, 8, 9, 18
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.						
X	US 4,645,901 A SORENSEN et al.) 24 February 1987 (24.02.1987), see entire document, especially column 6, line 28 through column 8, line 67.	1-5, 8, 9, 18						
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/>		See patent family annex.						
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or prior art published on or after the international filing date "L" document which may throw doubt on priority claim(s) or which is cited to establish the publication date of another citation or other special reasons (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed								
Date of the actual completion of the international search 31 May 2003 (31.05.2003)		Date of mailing of the international search report 05 JUN 2003						
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703) 305-3230		Authorized officer David N. Spector Telephone No. (703) 305-1521						

Form PCT/ISA/210 (second sheet) (July 1998)

BEST AVAILABLE COPY